

AMENDMENTS TO CLAIMS

Claims 1 - 18 (cancelled).

Add new claims 19 - 25 as set out below.

New Claims

19. (new) An implement for clearing land by comminuting and grinding brush and trees at an operational site in the field to clear the land by leaving the comminuted brush and trees at or near the operational site, comprising:

a primary engine mounted upon the vehicle for powering operation of the vehicle;

at least one boom mounted upon the vehicle; said boom being constructed to provide articulated motion at a distal end thereof; said boom being powered by said primary engine;

an operational head mounted near the distal end of said at least one boom;

said operational head having a comminuting device mounted thereon for movement to grind or comminute trees and brush;

a comminuting motor mounted upon said head to move said comminuting device;

a secondary engine mounted upon the vehicle for powering the comminuting motor to provide substantially dedicated power to the comminuting device.

20. (new) An implement according to claim 19 wherein the comminuting motor is a hydraulic motor.

21. (new) An implement according to claim 19 wherein the comminuting motor is a hydraulic motor, and further comprising a hydraulic fluid cooling system to cool hydraulic fluid used to power said hydraulic motor serving as said comminuting motor.

22. (new) An implement according to claim 19 wherein the vehicle includes a turret that rotates and the at least one boom is mounted upon the turret for rotation therewith.

23. (new) An implement according to claim 19 wherein:
the vehicle includes a turret that rotates;
the at least one boom is mounted upon the turret for rotation therewith;
the primary and secondary engines are mounted upon the turret.

24. (new) An implement for clearing land by comminuting and grinding brush and trees at an operational site in the field to clear the land by leaving the comminuted brush and trees at the operational site, comprising:

a vehicle adapted for moving over the land;

a primary engine mounted upon the vehicle for operation of the vehicle;

a turret mounted upon the vehicle for pivotal movement thereon;

at least one boom mounted upon the turret for movement therewith; said boom being powered by said primary engine;

an articulation mechanism mounted near the distal end of the boom to provide adjustable orientation;

an operational head mounted upon the articulation mechanism for adjustable orientation therewith;

said operational head having a comminuting device mounted thereon for movement to grind or comminute trees and brush;

a comminuting hydraulic motor mounted upon said operational head to move said comminuting device;

a secondary engine mounted upon the vehicle for powering the comminuting motor to provide substantially dedicated power to the comminuting device.

25. (new) An implement according to claim 24 and further comprising a hydraulic fluid cooler mounted to cool hydraulic fluid used to power the comminuting motor.